

## OPTISPRAY ADBLUE

Product code: MS25699

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**FORMULA** : H<sub>2</sub>N-CO-NH<sub>2</sub>

(CAS : 57-13-6 / EINECS : 200-315-5)

Solution of Urea in water and surfactants.

Product quality is according to ISO 22241-1 standards and CEFIC guidelines concerning NOx reduction additives.

### APPEARANCE

Clear, clourless to white liquid with a slight odour of ammonia.

### COMPOSITION

Urea content : 31,8 – 33,2 % wt.

### PHYSICAL PROPERTIES

Density (20°C) : 1,0870 – 1,0930 g/cm<sup>3</sup>  
 Refractive index (20°C) : 1,3814 – 1,3843  
 Alkalinity as NH<sub>3</sub> : max. 0,2 %

### CHEMICAL ANALYSIS

Biuret	: max. 0,3	%
Aldehydes	: max. 5	mg/kg
Insolubles	: max. 20	mg/kg
Phosphate (PO <sub>4</sub> )	: max. 0,5	mg/kg
Calcium (Ca)	: max. 0,5	mg/kg
Iron (Fe)	: max. 0,5	mg/kg
Copper (Cu)	: max. 0,2	mg/kg
Zinc (Zn)	: max. 0,2	mg/kg
Chromium (Cr)	: max. 0,2	mg/kg
Nickel (Ni)	: max. 0,2	mg/kg
Aluminium (Al)	: max. 0,5	mg/kg
Magnesium (Mg)	: max. 0,5	mg/kg
Sodium (Na)	: max. 0,5	mg/kg
Potassium (K)	: max. 0,5	mg/kg
Surfactants	: max. 0,05	%

## PACKING

Can be obtained in bulk, IBC's and drums. Other packing is available on request.

## SHELF LIFE

Storage temperature	minimum shelf life
< 10 °C	36 mnd
< 25 °C	18 mnd
< 30 °C	12 mnd

## SAFETY REGULATION

The safety data sheet is available on request.

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<b>DISTRIBUTOR COMPANY INFORMATION</b>			
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management systems: certifications	ISO 9001, ISO 14001, ISO 22000, FSSC 22000, GMP+ Feed, ESAD	ISO 9001, ISO 14001, ISO 22000, FSSC 22000, OHSAS 18001, GMP+ Feed, ESAD, AEO	ISO 9001, FSSC 22000